

COMPTON REPORTS

Annual Report Shows Large Defense Awards

Institute President Cites Technology's New Developments

Awards to the Institute during the past year of Army, Navy and industrial defense contracts amounting to the vast sum of over three and three quarter million dollars were announced by President Karl T. Compton in his annual report to the Corporation last Wednesday afternoon, October 8.

Pointing out that the most noteworthy developments in the affairs of the Institute had been related to the program of national defense, President Compton proceeded to give facts and figures connected with three groups of events and activities at the Institute associated with defense work: those of personnel contributions, education, and research.

Explains Qualities

"From its founding" Dr. Compton said, "one of the intrinsic qualities of the Institute has been an ideal of public service, a recognition by members of its staff of an institutional obligation, and an opportunity to extend and implement its regular program by service to industry, governmental agencies, and society generally."

Consequent upon Congress' appropriations to finance an engineering defense training program to be con-

(Continued on Page 2)

Lectures Start On Placement Graduate Students And Seniors Asked To Attend

The first of a series of placement lectures for Seniors and graduate students will be delivered at 12:00 Noon today in Huntington Hall (Room 10-250). The subject of this first lecture will be "The Placement Training Program." Edward L. Moreland, Dean of Engineering, and W. McLean Sage, Placement Officer, will be on hand to deliver these lectures in the new series. The lectures are a part of the Institute's policy of assisting Technology men in finding their place in industry or science when they leave school.

Smoker Features Novel Debate

Falling in with the trend for novel attractions for this year's freshman smokers, the Debating Society is planning a humorous debate with Emerson College as the highlight of its smoker tonight at 5:00 P.M. The location of the meeting has been changed to the Faculty Lounge.

Subject of this debate will be: "Resolved: that the future looks black." Tech will uphold the negative side of this potentially vital and interesting discussion.

The remainder of the program is intended to acquaint the frosh with the activities of the Society, and will include talks by the team's coaches Peter Rutter and John B. Rae of the Institute English department. Needless to say all freshmen interested in debating, whether or not they had any high school experience will be welcome to attend this smoker, and eat their fill of the refreshments.

Freshmen Thrilled By Sally Keith In Tassel Dance

Sally Keith, embryonic guardian angel of Voo Doo, last night substituted for Phosphorous, the office cat, who is ill, at the freshmen smoker held in Faculty Lounge, thrilling the bug-eyed frosh with visions of life in the raw, and tassels twirling when they shouldn't twirl.

Miss Keith headed the sedate entertainment program at the smoker with her famous "tassel dance", which is a combination of a strip tease and a special form of torso-tossing. When introduced she emerged fully dressed in a sequin cape and white two piece evening gown dancing to the accompaniment of the Voo Doo staff band.

Clothes Discarded

As she grew warmer from her exertions she shed her raiments particle by particle until she was clothed only in black lace bra and panties from each of which two red tassels hung. Freshmen writhed in their seats as she then made the tassels behave as no respectable tassels should behave, defying the law of gravity, and creating a spectacle to be viewed with awe, by all but the most calloused.

After the exhibition, Robert S. Shaw, '42, General manager of Voo Doo, explained that such displays are only routine with Voo Doo office work and then dodged the forty freshmen present who stampeded the staff members present in an attempt to sign up as candidates for the staff.

Further entertainment was provided by heads of the various departments who described their work to the freshmen and urged them to turn out as soon as possible.

Inscribed Award For Freshmen In The Tech Contest

Inscribed awards have been announced as prizes in the annual fall competitions for freshmen on the staff of The Tech. Contests in the various departments are to begin Wednesday evening, October 15, and continue for ten weeks. Winners will be selected on a point system basis which classifies participants according to the amount of work they do.

Contests will be conducted in the Advertising, Circulation and Treasury departments among all the freshmen. There will be a contest in both the Sports and News departments.

Freshmen Asked to Register

Freshmen interested in participation in any of the competitions sponsored by the various departments can register at 5:00 P.M. daily in The Tech Business Office, Room 301 Walker, or in the News Room, in the basement of Walker, after 5:00 P.M. on either Monday or Thursday evening. Instructions in the work of the various departments will be given to all candidates for positions.

The Tech Smoker Draws Prospective Journalists

Without recourse to "spicy entertainment," The Tech's annual freshman smoker attracted sixty prospective journalists to Pritchett Hall at 5:00 P.M. last Tuesday.

Mr. James R. Killian, executive secretary to President Compton, Professor Frederick G. Fassett, editor of the Technology Review, and Professor Theodore Smith of the English department were the guest speakers. The members of the Managing Board of The Tech explained the paper's policies, aims, and workings, after which refreshments were served.

Sophs Fail To Storm Rally

Sports Turnout Below Standard, Frosh May Win

Numbering two-thirds that of the class of 1945 and without the football squad in tow, the Sophomores managed to aggregate the grand sum of seventy members at the first '44 rally of the year last Tuesday.

Though in comparison with the freshman class this was a fairly good turnout, it still doesn't show a high degree of class spirit to say the least. With only one more rally scheduled before Field Day it was hoped that more Sophomores would take interest; however it seems that the Class of 1944 has forgotten the beating it took last year on Field Day—or doesn't wish to remember it.

Turnout Urged

Coaches of all Field Day events were present and of the same opinion, that unless there was a better turnout in their respective sports the freshmen had a good chance for victory. Coach Hedlund reminded the class of 1944 of the Field Day statistics in the past—thirty-one wins out

(Continued on Page 4)

Safety Courses To Start Soon

Accident Prevention In Industry Is Defense Subject

To further our defense program by cutting the number of lost man-hours caused by accidents in defense industry plants, the Institute, in conjunction with the United States Office of Education, will shortly begin classes for the training of industrial employees in accident prevention.

Fifty-seven engineering colleges have been chosen to teach these tried and proven methods to the personnel of industrial plants. The classes are made possible by a grant of Congress to the U. S. Office of Education, and the chosen schools will make the course part of the defense training program. Instructors will be chosen from safety engineers, thoroughly experienced in the theory and practice of accident prevention.

The program was inaugurated by the Committee for the Conservation of Manpower in Defense Industries, and the committee's 400 safety engineers and field staff will assist the local colleges with the project.

The Tech Sponsors "Vu," New Pictorial Magazine

"Vu" will be the name of the M.I.T. pictorial magazine, it was announced last night after a meeting of the board of that publication. In conjunction with this the inauguration of an Institute-wide photographic contest was also revealed.

Sponsored by The Tech as a new venture in undergraduate publications, first issue of "Vu" will appear shortly after Field Day festivities.

Conducted by the photographic board of "Vu" the contest will be open to all camera operators and will place no limits on the type or subject of pictures entered, except that the picture must be such that it is judged "most outstanding of all entries for manifestation of photographic tech-

Soph Dance Committee Announces That Krupa Will Play For Affair

No Issue Tuesday Because Of Holiday

Because Columbus Day falls on a Sunday, this year, the Institute has announced that the holiday will be observed on Monday, October 13. Consequently—you lucky people—there will be no classes on that day.

This gives our eye-weary readers a day off, and who are we not to take advantage of such an opportunity. The Tech, therefore, will not publish its usual Tuesday issue, but instead the next issue will come out on Friday, Oct. 17.

Dr. K. T. Compton To Lead Students In Open Forum

"Technology, Defense" Will Be Discussed In Huntington Hall

All students will have an opportunity to enter into an open forum discussion of the subject "Technology and Defense" with President Karl T. Compton in Huntington Hall from 5:00 to 6:00 P.M., Room 10-250, on Wednesday, October 15.

The meeting will include a short talk on the subject by President Compton, after which students will have an opportunity to ask him any questions they desire about the part the Institute is playing in our national defense.

This special meeting, part of the extra activities of the Debating Society, whose large list of debates was recently announced, is in charge of Robert H. Given, '42, and Franklin P. Seeley, '42. Both old and new students at the Institute will have an opportunity at this time to learn of Technology's activity in defense, and to hear something of the purpose of the building program now in progress at the Institute.

Student List To Be Posted For Corrections

Preliminary lists for the Directory of Students will be posted in the following places October 14-18: Building 10 Lobby, Walker Memorial, Building 3—Bulletin Board near 3-150. Each student is requested to inspect a list and to report on the cards provided any errors which he finds.

Flowers Signs Band Leader

Operated On A \$1850 Budget

Gene Krupa, America's Ace Drummerman, will return to the Institute it was revealed last night, when the Sophomore Dance Committee announced that he had been signed for this year's Class of 1944 Prom.

Operating on an \$1850 budget, President Langdon S. Flowers stated that Krupa and his fourteen piece orchestra were signed for a repeat performance in response to requests of many class members.

Option on Sale Oct. 17

Tickets for the November 14th affair at the Hotel Statler's Imperial Ballroom are priced at five dollars. Options will go on sale in lobby of Building 10, Friday, October 17, for \$2.50.

On the West Coast at this time Gene and his musicians, who have demonstrated that they are adept at the "sweet" as well as the "hot," are playing at the smart, svelte Paladium in San Francisco and this will be one of his first appearances in the East.

Field Day Dance Offers Extra Event

"Hangover Dance" Will Be Held In Walker Saturday

Two dances for the price of one is the offer made by the Field Day Dance Committee to those students who attend the annual Field Day Dance after the afternoon classic, it was announced last night.

The extra entertainment will be in the form of a "Hangover Dance," an informal affair to be held in Walker Saturday night for those who dance to Bobby Byrne the night before.

Tea in Burton Room

To make a Field Day Week-end out of these events a tea will be held in the Burton Room on Sunday. This move will make it possible for men to entertain their guests for several days.

Formal engraved invitations to the dances may be obtained from the sales desk in the Main Lobby by anyone who presents his option. Miss Claire Nevilis is still assisting the sales of options, which are selling for the price of two dollars.

T. E. N. To Hold Smoker On Tuesday, Oct. 14

With members of its Junior and Senior boards giving short talks to tell the freshmen how the organization is run, T.E.N., Technology's undergraduate engineering magazine, will hold its annual smoker next Tuesday, at 5:00 P.M. in Pritchett Hall of Walker Memorial.

Following these talks explaining the workings of the publication, a member of the Faculty will give a short talk on the advantages of being associated with such an activity. The usual refreshments—cider and donuts—will be served.


The Tech

Vol. LXI Friday, October 10, 1941 No. 36

Managing Board

General Manager Albert F. Clear, Jr., '42
 Editor Cathrae M. LaFoon, Jr., '42
 Managing Editor John J. Quinn, '42
 Business Manager Jonathan H. Noyes, '42

Editorial Board

Malcolm M. Anderson, '42 Philip E. Phaneuf, '42
 Leslie Corsa, Jr., '41 Arthur S. Spear, '42
 Harvey I. Kram, '42 Maurice E. Taylor, '42
 Robert I. Kraus, '42 Edward F. Thode, '42
 Frederick Kynrether, '41 George E. Tucker, '42
 Charles D. Magdick, '42 Eric M. Wormser, '42

Associate Board

Alexander H. Bohr, '43 Robert P. Richmond, '43
 Ira G. Cruckshank, '43 Stewart Rowe, '43
 Walter C. McCarthy, '43 Robert J. Schaefer, '43
 Bailey H. Nieder, '43 S. Joseph Tankoos, '43
 Harry Ottinger, '43 John F. Tyrrell, '43

Business Associates

Edward F. Czar, '43 William G. Louden, '43
 Warren E. Foster, '43 John W. McDonough, Jr., '43
 Orvis B. Hartman, '43 A. Donald Moll, '43

Staff Assistants

Burton S. Angell, '43 Morris H. Rosenthal, '43

Offices of The Tech

News and Editorial—Room 3, Walker Memorial, Cambridge, Mass.
 Telephone KIRKLAND 1882

Business—Room 301, Walker
 Telephone KIRKLAND 1881

SUBSCRIPTION, \$1.50 Per Year

Published every Tuesday and Friday during College year,
 except during College vacation.

Entered as Second Class Matter at the Boston Post Office

REPRESENTED FOR NATIONAL ADVERTISING BY
National Advertising Service, Inc.
 College Publishers Representative
 420 MADISON AVE. NEW YORK, N.Y.
 CHICAGO • BOSTON • LOS ANGELES • SAN FRANCISCO

Member

Associated Collegiate Press
 Distributor of
Collegiate Digest

Night Editor: Paul M. Robinson, Jr., '44
 Sports Editor: Joseph M. Donahue, '44

TO A GREATER TECHNOLOGY

Keynoting President Compton's report to the Corporation of the Institute's activities during the past year and its growing service to national defense, is the hope of a greater future for Technology. He points out how in spite of carrying the double burden of research for the government and maintaining traditional standards of instruction, the Institute is gaining new techniques and understanding of educational methods.

Commenting with the clear insight into future trends that has been so helpful to Technology in the past, Dr. Compton states, "Nowhere else in our country, except in our great educational centers of research, is there a comparable reserve of scientific man-power, of new technological ideas, of laboratory facilities. A few such outstanding institutions become, in time of emergency, centers of concentration on objectives of first magnitude.

"From the lessons of the present situation I see emerging as a clear objective the outlines of an educational and research institution based upon the present ideals and objectives but incorporating a greatly magnified capacity for national service and commanding a wider recognition of the availability of its technological assets for use by government and industry.

"Let me describe this institution of tomorrow as a 'super institute of technology' and suggest some of its features, as drawn from the lessons of past and present. It should possess an operating organization flexible enough to meet emergency conditions, alert enough to provide the *modus operandi* for meeting unusual needs in normal times and farsighted enough to provide the means of dealing with new needs or opportunities in advance of their urgent demands. Of major importance, it must have a staff of outstanding experts marked not alone by brilliancies but by a homogeneous strength that insures cooperative, creative work, capable of developing a body of advanced thought and applying it to new problems. And finally, it must have a student body of the highest possible caliber — graduate students of distinction and undergraduates of honors caliber and treated as honors students.

"Of our actual trend in this direction there have been many evidences, aside from the defense program, in the past few years. The increasingly careful selection of undergraduate students, the growth of our graduate school without prejudice to the undergraduate program, the mounting volume of pure

scientific research and of research and development projects brought to us by government and industry, the increasing number of graduate fellowships supported by industry, and the growing demand for technically trained men, especially those with graduate training are indications of the trend. Certainly it is not idle speculation to observe that when the demands of the present emergency have been fulfilled, science and engineering will be faced with the task of creating new wealth to replace the colossal waste of war, and that this will require technological institutions of ampler resources and instrumentalities for public service than we have today, and that the Massachusetts Institute of Technology should serve in these directions with all the effectiveness and resource which we can muster."

Dr. Compton, Technology is behind you one hundred per cent.

MEN OR MICE???

The Class of '44 has hit an all-time low if the reports from the Field Day teams' headquarters can be believed. The most outstanding evidence of this is the announcement that unless more men come out for the Sophomore swimming team, the second year men will have to forfeit that event to the frosh.

While the spirit displayed by the Class of '45 is not much to brag about, it is still head and shoulders above that of the second year men. This is all the more astonishing in view of the fact that the Sophomores have quite a blot on their escutcheon because of the beating they took last year.

It seems funny that there can be so much spirit displayed in the interclass rivalry of the dormitories and 5:15 Club, yet both classes show lack of support for their own teams. Certainly the members of these two classes are not afraid to participate in the events or do not have time because Technology men from time immemorial have taken part in Field Day competition. Come on, Classes of '44 and '45, show the Institute that you are worth your salt.

THE READER SPEAKS

Hobby Shop For Hobbies

Editor, The Tech.

Dear Sir:

In order to avoid possible misunderstandings among the student body about the operating policy of the Hobby Shop, I am submitting this statement concerning the background and present reasons for the policy which we shall, from now on, be obliged to follow.

When the shop was originally formed by the Institute, the "charter" stated that it was intended as a recreational activity and means for students to pursue their hobbies. For the first two years of its existence, the shop followed these lines, having a small, selected membership, all of whom were definitely interested in hobby work. In the Fall of 1939, in order to promote interest in the shop and aid in its growth, all efforts were made to make M.I.T. "Hobby Shop" conscious. To this end, everyone was encouraged to use the shop, whether a member or not. This plan was a success, but even too much so. Last year the ratio of members to non-members using the shop was about one to two or three. Of all these men, less than half were doing hobby work. The rest were just using it as a workshop. Thus the time of the employees and Master Craftsmen was taken by jobs which were neither hobby work nor done by Hobby Shop men.

So far this year, interest in the shop has been so great that we find ourselves threatened with overcrowding if we permit ordinary repair and non-hobby work to be done. Therefore we must return to our original policy of operation and enforce the following set of rules.

Effective as of 9 A.M., October 14, 1941:

(1) The shop will be open to members only.

(2) Any M.I.T. student or staff member who has a genuine hobby interest may become a member.

(3) Anyone desiring to join the Shop should see any of the Master Craftsmen or Mr. Watson, our faculty advisor, at the shop. They will be glad to give all details.

(4) Non-members will be permitted to use the shop for short periods of time if accompanied by a member.

(5) Any recognized student activity may do organizational work, if an appointment is made beforehand.

I think it is plain to see from these rules that we do not intend to keep any person who has a real hobby from using the shop. Any inconvenience in joining will be amply made up for in the pleasant working conditions which will be guaranteed. I hope I have made clear our policy and the reasons for it. And again let me urge all hobbyists at Tech to come down and pay us a visit.

Very truly yours,
 STANLEY N. GOLEMBO, Shop Foreman

For Boys To Play

by Stewart Rowe and Joseph Tankoos

Announcement of Gordon Hill that the Field Day Dance will be spread into a full week-end affair makes the entire prospect of that dance look very inviting. This is a move which has long been talked of at Technology and has been most successful at other colleges.

Hope of the committee in promoting this affair was to begin the pleasant and quaint custom at Technology of week-end long parties similar to those of the Dartmouth Green Key—and we're all in favor.

Because of circumstances beyond our control we were unable last week to extend congratulations to the Dormitory Freshman Committee on the excellent fashion in which last Friday's acquaintance dance was conducted.

This, the moves of the Field Day Dance committee, and observations of

last year seem to us to indicate that despite the stresses of National Emergency and shortage of surpluses, the classes of '42 and '43 are steadily leading Technology fun life to a higher and higher level.

In hopes of doing our bit along this line we want to ask the social chairmen of Institute fraternities to take advantage of and to cooperate with, the "social functions" calendar of the Walker Memorial Committee.

For the benefit of houses which are now planning fall dances we print the list of affairs already scheduled with the Walker Memorial Committee in the hope that it will help to spread the fall and winter dances evenly over the week-ends.

Oct. 17, Delta Tau Delta.

Nov. 7, D.U.

Nov. 8, Chi Phi.

Nov. 15, Phi Delta Theta, Phi Kappa Sigma.

Nov. 22, Theta Chi.

Nov. 28, Kappa Sigma.

Eddy Requests Aid For Britain

Tells T.C.A. Group
 "We Must Clean Our Own House"

"The world is a great Armageddon," said Dr. Sherwood Eddy, noted author and traveler, in his speech of Tuesday, October 7, delivered at 4:00 P.M. in Huntington Hall as he made a plea for all aid to Britain. Introduced by Dr. Karl Compton, President of the Institute, Dr. Eddy spoke on "Our Stake in Britain's Danger," in a lecture sponsored by the Technology Christian Association.

"Hitler is the world's greatest menace. He has built his existence on falsehood, betrayal, and violence." Dr. Eddy made these accusations as he reviewed the statistics and events which immediately preceded the conflict. He then read a letter from the women of Poland to the women of the United States wherein the Polish women cried, "We are living in Hell!"

Eddy Sees Defeat

Dr. Eddy saw the greatest hope for the beginning of Hitler's defeat if the Russian resistance stalled the German advance. He ventured to predict that even with the fall of Moscow, Kiev, and Odessa, the Russians would continue to hold out because of their "magnificent" unity, which he said was greater than even Great Britain's.

Dr. Eddy then explained the attitude of the Russians and interpolated in incidents of his own experience. He described what he termed the two great experiments; the Anglo-Saxon experiment in liberty, and the Russian experiment in justice.

With these experiments as a foundation, Dr. Eddy then made a plea for the re-creation of a new society with an especial emphasis on what is called "cleaning our own house."

Compton Reports

(Continued from Page 1)

ducted in qualified colleges under the auspices of the U. S. Office of Education, the Institute has offered during the second term of last year and this past summer twenty-seven intensive tuition-free courses of college or post graduate grade, with an enrollment of 929 students. President Compton stated. At the same time he pointed out that "nearly two hundred officers and members of the staff were now serving the government in various capacities," and that those who had been retained on the Institute's payroll had contributed during the past year approximately fifty thousand man-hours of time to defense.

Analyzing the broader significance of the "diversion of energies to defense work," President Compton prophesied that "while contributing directly to war-time needs, it (the program) is yielding new developments, new techniques, and new understandings which will have important peace-time applications and which presage a new prosperity for science and engineering after the war."

THE SMOKER'S DEN

Tobacconists

"A friendly shop, where your smoking problems or any others, may be aired".

Agents for:
 SASIENI, PETERSON, KIRSTEN,
 and CUSTOMBILT pipes.
 A 10% discount will be given to any Tech man on the purchase of any pipe during the week of Oct. 10 to the 17th.
 1256 MASS. AVE. HARVARD SQ.

**FOR THE Best
 IN Dance Music
 IT'S ALWAYS THE
 BERMUDA TERRACE**
 HOTEL BRUNSWICK

NOW APPEARING
 ELLA FITZGERALD
 and her FAMOUS ORCHESTRA
 plus
 "20th Century Minstrel Show"
 Twice Nightly—7:30 and 11:30
 DeLuxe Dinners from \$1.00
 No other charges before 9 P.M.
 Reservations — KEN 6300

Sophs' Outlook Good For Field Day Tug-of-war Games

Freshmen Fail To Turn Out In Large Numbers

Prospects look pretty gloomy for the freshman tug-of-war team according to the reports from two coaches. Martin Levine, the Sophomore coach, was brimming over with optimism and good spirits as he told about his team.

Levine reports that he has a completely satisfactory turnout of 28 men with the number increasing daily. "The boys," he said, "are pulling together like the veterans they are." The team averages in the vicinity of 175 pounds.

The freshman coach, Howard McJunkin, on the contrary, could hardly be understood through his sobs. He reported, tearfully, that although the boys had plenty of spirit and were working hard, they only had 19 turnouts. During the three practices that the Frosh have had, this number has only increased by a trifle.

However, Mr. McJunkin went on to say that all was not as dark as it appeared at first sight. If more fellows start getting out now, the prospects of beating the Sophs would increase by leaps and bounds.

Both coaches emphasize the fact that prospects for either team should not wait until the last minute before signing up for their teams, because it takes considerable time to get into condition.

Beaver Briefs

By Bailey Nieder and Harry Ottinger

Touch football teams from thirty-four residential groups will spring into action on Sunday, October 19, to launch the annual Beaver Key grid tournament. One other, Phi Kappa Sigma, has drawn a bye.

Following is the initial draw sheet, showing games to be played on October 19. The two winners in each pair of games will meet each other on the following Sunday as will the two losers. A team will be eliminated when it has suffered two losses. The initial draw:

Alpha Tau Omega vs. Theta Xi
Beta Theta Pi vs. Munroe

Theta Delta Chi vs. Chi Phi
Theta Chi vs. Walcott

Delta Kappa Epsilon vs. Sigma Nu
Delta Psi vs. Hayden

Delta Tau Delta vs. Sigma Chi
Delta Upsilon vs. Bemis

Sigma Alpha Mu vs. Kappa Sigma
Wood vs. Sigma Alpha Epsilon

Lambda Chi Alpha vs. Pi Lambda Phi
Goodale vs. Phi Beta Epsilon

Phi Sigma Kappa vs. Commuters
Phi Delta Theta vs. Senior A

Phi Mu Delta vs. Student House
Senior B vs. Phi Gamma Delta

Phi Kappa vs. Senior C
Phi Kappa Sigma—bye

Badminton Begins Practice Oct. 19

The first meeting of the badminton team will take place on the third floor of Walker, Sunday evening, October 19. Manager John A. Cornell, '44, is trying hard to beat last year's rather uninspiring turnout of twenty students.

The team plans to have several intercollegiate matches. Last year's team had the fascinating experience of playing with Wellesley in the mixed doubles.

Since instruction and racquets are furnished, any student, with or without experience, is invited to turn out for this speedy and interesting sport.

1941 TOUCH FOOTBALL RULES

FIELD	The game shall be played on a field 40 x 80 yards, with a ten yard end zone.
TIME	Four quarters of ten minutes each.
NO. PLAYERS	Eight players shall constitute a team, five linesmen and three back field men, both on offense and on defense. Unlimited substitution.
KICK-OFF	It shall be made on the thirty yard line, and must be kicked and not thrown. Receiving team must line up at least 20 yards from point of kick.
DOWNS	A team is allowed four downs to make ten yards. Opposing team must be notified on a kick and allowed time to get in position.
PASSING	Passes must begin behind the line of scrimmage. Only the three backs and the two ends are eligible to receive a pass. The ball may be passed over the goal line once in four downs without penalty. The second incomplete pass over the goal in the same series of downs shall be a touchback.
FUMBLES	A fumble on the field of play shall be declared dead at the spot of the fumble in possession of the man making the fumble. The opponents cannot recover. On the kickoff or a pass from center, the offensive team may recover and advance the ball; the defensive team may recover legally, but not advance the ball.
TOUCHING	Touching may be one hand on any part of the runner.
BLOCKING	Blocking shall be allowed on the line of scrimmage and in the open, but the blocker must not leave his feet.
CENTERING	Centering must be through the legs.
EXTRA POINT	Extra point shall be attempted from the 3 yard line.
PENALTIES	Illegal blocking—10 yards. Holding—10 yards. Tripping—10 yards. Offside—5 yards. Interference on pass. Pass complete at spot of foul. No grad students are eligible.

Sophomore Swimmers May Forfeit To Frosh

Unless enough Sophomores fill out eligibility cards and start practice by the end of this week, they will have to forfeit the swimming meet on Field Day, because at present there are not enough men out to form a team, Coach Jarosh announced last night.

If the Sophomores should forfeit this event it would be the first time in the memory of the oldest inhabitant that such a thing has happened. Only five members of last year's freshman swimming team have as yet signified intentions of competing this year, showing unusual lack of class spirit, considering Field Day is only three weeks away.

Harriers To Face Bates Runners

Cross-Country Men Go To Lewiston, Me. For Saturday Opener

Opening their season on a new course the harriers are to meet the Bates team at Lewiston, Maine, tomorrow morning.

Coach Oscar Hedlund said last night that seven of the following men would make up the team: Captain Art Gow, Bob Miller, Ralph Kelly, Bob Cummings, Malcolm McGregor, Heine Shaw, Ken Joseph, and Gene Brady.

Handicap Meet Tomorrow

On Saturday, October 11, a handicap track and field meet will be held at Briggs Field. The running events are: 75 yards, 150 yards, and three-quarters of a mile. The single event for jumpers is to be the high jump. Putting the shot will provide competition in the weights class.

Frosh C-C. Shapes Up

"A very good looking bunch," said Oscar of the freshman cross-country team last night. Robin Stevenson was a cross-country captain in high school, as was Warren Speare at Hebron Academy. Others have also had previous experience. David Bailey, Frank Brewster, Peter Calliyas, Harold Knapp, Bill Searles, John Stevens, Ralph Mudget, Bill Hart, Bill Rockholz were named by Oscar last night as the frosh harriers.

Soph Gridmen Play Gov. Dummer

The Tech Sophomore football team will play its first pre-Field Day game Saturday, October 11 at 2:30 P.M. with Governor Dummer Academy at the latter's field. The team was invited by the academy to have lunch before the game. This is the second time a Soph team has played them. Last year the Beavers lost a close game.

The team is coached by Jack Finger, a senior, and Sophomores Gary Loomis and William Clark are the manager and assistant manager respectively. A few more games are planned before the season of the Sophs is ended.

Sailors Outclass Boston Univ. In Three Races

John Carlton Is The High Man In Greater Boston Regatta

The Technology skippers opened their fall schedule yesterday afternoon by defeating the Boston U. sailors easily to the tune of a 41-22 count. John Carlton led the scoring with a first and two second places to garner a total of 16 points. High scorer for B.U. was Mattern with a total of 11 points. In the other contest Harvard took measure of Northeastern, 24 to 17.

The meet held under the auspices of the Greater Boston Intercollegiate Sailing League was conducted at the Community Sailing House under a brisk east wind. The large dinghies from the new boathouse were used in the competition.

The freshman crews will open their season on Monday against Boston U. and Tufts, while on Tuesday, they will engage Harvard as will the varsity crews.

Carlton High Scorer

Tech raced the Boston University team in three races, each of which the Beavers gained the most points. The first race we won 13 to 8 and the other two each 14 to 7. John Carlton with his 16 points led the Tech scorers, and Bob Evans and Hans Aschaffenburg gained 14 and 11 points respectively. In the Northeastern University and the Harvard University races the latter won one and tied the other for total points of 24 to 17 for N.U.

Frosh Basketball Gets New Coach

Pete Berg To Lead Team; Practice Starts Right After Field Day

Under the tutelage of Pete Berg, '42, former center from Carlton College in Minnesota, the frosh basketball team will start practice Monday, November 3. All would be members of the '45 basketball squad must sign up for P.T. substitution before Thursday, October 23, in the office of Mr. H. P. McCarthy, the Director of Athletics.

Having played varsity basketball two years in college already, Berg is not eligible to play here, and therefore was signed up to coach the frosh for the next two years. He succeeds Mario Conti, '41, with whom he worked toward the end of last season.

Basketball manager John E. Harsch, '43, announced last night that varsity basketball will also begin on November 3, with Mr. McCarthy as usual doing the brain work for the squad. Only two members of last year's team were lost by graduation—Sandy Glick and Howie Samuels. Members of the team back this year include George Marakas, Red Dolan, Ernie Artz, and Jack Whelan, all of whom saw considerable action last year.

Walton Lunch Co.

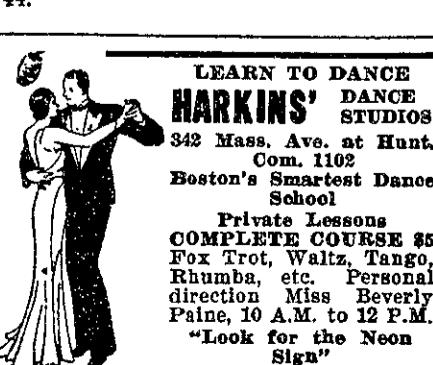
Morning, Noon and Night
You will find All Tech at
78 Massachusetts Avenue
CAMBRIDGE

QUICK SERVICE
APPETIZING FOOD
POPULAR PRICES

Quality First Always

THAT'S WALTON'S

1080 Boylston Street
Convenient to Fraternity Men



INSURANCE
OF
ALL KINDS

CALENDAR

FRIDAY, OCT. 10

12:00 Noon Placement Lecture—Huntington Hall.
 5:00 P.M. Debating Society Smoker—Faculty Lounge.
 5:00 P.M. Exhibition Squash Match—Squash Courts.
 6:00 P.M. International Club Smoker—Pritchett Hall.

SATURDAY, OCT. 11

International Club Outing.
 Cercle Francais Outing

SUNDAY, OCT. 12

Faculty Club Outing.
 Alpha Phi Omega Outing.

TUESDAY, OCT. 14

5:00 P.M. Beaver Club—Faculty Lounge.
 5:00 P.M. Walker Memorial Committee—Litchfield Lounge.
 5:00 P.M. Debating Society—Tyler Lounge.
 5:00 P.M. T.E.N. Smoker—Pritchett Hall.
 5:00 P.M. A.E.S. Smoker—Faculty Lounge.
 6:00 P.M. Course II-A Society Dinner.

WEDNESDAY, OCT. 15

5:00 P.M. "Technology and Defense"—Huntington Hall.
 5:00 P.M. Gridiron Meeting—Litchfield Lounge.
 5:00 P.M. T.C.A. Boys Work Smoker—Tyler Lounge.
 6:15 P.M. Propeller Club Dinner—Dutch Room, Grad. House.

Activities

Many freshmen, who had planned to attend one or more of the various activities, missed them for one reason or another. Following is a list of some of the activities which have had smokers, and the time and place where application for these activities may be made.

M.I.T.A.A.—Between 2 P.M. and 6 P.M. in office on the 3rd floor in Walker. Leave names with secretary any afternoon.

Technique—Any afternoon between 2 P.M. and 6 P.M. in office on 3rd floor in Walker. Leave names with secretary.

The Tech—(news department) Mon. and Thurs. after 5 P.M. in The Tech News Room. (business dept.) After 5 P.M. any day in The Tech business office.

Voo-Doo—After 5 P.M. any day in the Voo Doo Business Office.

A. E. S. Smoker

The Aeronautical Engineers Society will hold its Smoker on Tuesday, October 14, from 5:00 to 6:00 P.M. in the Faculty Lounge of Walker Memorial. The officers of the Society will give a series of short talks on the aims of the society, and describe the various fields covered by the activities of the group. Color movies of gliding will supplement the descriptions of the speakers, and refreshments are to be served during the course of the Smoker.

Faculty Club Outing

Opening the Fall activities planned by the Faculty Club committee, the Annual Outing is to be held Sunday, October 12, at the Stow Country Club. It will afford the members of the staff, the administration, and families, whether members or not, a means of acquiring a closer and wider acquaintanceship.

Golfing on the excellent nine-hole

course, tennis, outdoor bowling, softball and other fields of friendly competition will be featured throughout the day. A chicken dinner will be served at 1:30 in the afternoon, and during the evening the staff will have the opportunity to tell last summer's stories.

Those wishing reservations should send them to "Uncle Doug," Room 2-161 today. The dinner is \$1.25 per adult, \$0.75 for children under fourteen.

Cercle Francais

The Cercle Francais has arranged an outing this week end with the French Cercle of Simmons. The group will travel Saturday to Tech Cabin and will return Monday evening. Dr. Thomas of the Mathematics department and Mrs. Thomas will act as chaperons.

Alpha Phi Omega

The Technology chapter of Alpha Phi Omega, National Scouting Fraternity, is to hold its first hike of the term this coming Sunday to the Blue Hills, leaving Walker steps at 9:30 A.M. Members are requested to bring their own lunch.

Walker Memorial Seeks Candidates

Six Men To Be Chosen From Sophomore Class For Committee Jobs

Candidates from the Class of 1944 for the Walker Memorial Committee, the administrative body of all student activities and their facilities, will have an opportunity to learn in detail of the duties of the committee at their first meeting at 5:00 P.M. Tuesday, October 14, in Litchfield Lounge.

Six men from the Sophomore class will be chosen on the basis of their performance of office work and their executive talents. These men will be given an opportunity to work under conditions which they will encounter in later life. They will have a chance to become well acquainted with the workings of student government, and to work constantly with the activity men of the Institute, while they help the committee continue its services to activities.

Propeller Club

"Buffalo to Buenos Aires" will be the title of a talk by Bernard E. Erickson, '42, at a dinner meeting of the Propeller Club in the Dutch Room of the Graduate House at 6:15 P.M. on Wednesday, October 15. Erickson's experience included a week on Lake Superior in an 80-mile-an-hour gale. Richard C. Owen, '42, will describe his trip to the Far East, with ports of call at Honolulu, Manila, Singapore, and Batavia. Both men are members of Course XIII-C. and were at sea last year.

Members of Courses XIII and XIII-C. and others who are interested are invited. The price of the dinner is \$85. All who plan to attend are asked to sign up with the secretary in Room 5-228 before Wednesday.

II-A Society Meeting

Mr. Moore of the Boston district office of the General Electric Company will speak at the Course II-A Society dinner meeting to be held at 6:00 P.M. on Tuesday, October 14, in the Dutch Room of the Graduate House. The topic of his address is "District Industrial Control Specialization." As a stimulant to interest in the activities of the members of the society, a mimeographed newspaper is being prepared for distribution at this meeting.

WHAT ARE YOU DOING WITH YOUR LAUNDRY THIS YEAR?...



Courtesy of Dartmouth "Jack-o-Lantern"

A better method is to send it home regularly by RAILWAY EXPRESS—and have it returned the same way.

Our service is fast, sure—and convenient. Economical rates include pick-up and delivery at no extra charge within our regular vehicle limits in all cities and principal towns. Your choice of prepaid or collect charges.

Just as convenient too, for 'most any shipment: Baggage, gifts, cake or a pet elephant.

RAILWAY EXPRESS
AGENCY INC.

NATION-WIDE RAIL-AIR SERVICE

Soph Rally

(Continued from Page 1)

of forty meets by the Sophomore classes, and then went on to predict defeat if the class of 1944 didn't snap out of its lethargic reactions to class spirit.

Swimming coach John J. Jarosh also reported an exceedingly poor turnout of '44 swimmers, and reminded the Sophomores of possible defeat if more material didn't report at the pool for the 5:00 o'clock practice sessions.

Tug-of-War Men Needed

Tug-of-war coach Levine announced that practice at Briggs field was commencing and all non-participating members of the class weighing 140 pounds or over should report immediately. The only hopeful note of the rally was voiced by Bill Clark, manager of the Sophomore football team, who announced that a good turnout had been made and things were progressing as scheduled.

After President Langdon S. Flowers had spoken, predicting, "It's a cinch we'll win," the rally was terminated with a rousing Hail-Tony and the Class of 1944 dispersed to track down those classmates who are intent upon remaining obscure.

"Hard-to-Get"

FREQUENTLY in experimental and development work, progress is halted for lack of some vital but seldom used part. For such items, try Lafayette's SPECIAL SERVICE DEPARTMENT. We pride ourselves in maintaining a complete line of small parts of every description, in addition to full stock of the parts and supplies of almost every manufacturer in the field.

TRY LAFAYETTE next time for your "hard-to-get" or standard parts and supplies. They are all in our Catalog. 'Phone Hubbard 0474.

CALL ON
Lafayette Radio
 FOR SPEED & ECONOMY
 110 Federal St., Boston
 HUBBARD 0474

The First Church of Christ, Scientist

Falmouth, Norway and St. Paul Sts., Boston, Massachusetts

Sunday Services 10:45 a. m. and 7:30 p. m.; Sunday School 10:45 a. m.; Wednesday evening meetings at 7:30, which include testimonies of Christian Science healing. Reading Room—Free to the Public, 333 Washington St., opp. Milk St., entrance also at 24 Province St., 420 Boylston Street, Berkeley Building, 2nd Floor, 60 Norway St., corner Massachusetts Ave. Authorized and approved literature on Christian Science may be read or obtained.

The Massachusetts Institute of Technology

CAMBRIDGE, MASSACHUSETTS

THE MASSACHUSETTS INSTITUTE OF TECHNOLOGY offers the following Professional Courses:

SCHOOL OF ARCHITECTURE

Architecture City Planning City Planning Practice

SCHOOL OF SCIENCE

Biology and Public Health Options: Biology
 Geology Options: Geology
 Biology and Public Health
 Industrial Biology
 Public Health Engineering
 Mathematics
 Physics
 Biophysics & Biological Engineering
 Chemistry
 General Science
 Applied Physics

SCHOOL OF ENGINEERING

Aeronautical Engineering
 Building Engineering and Construction
 Business and Engineering Administration
 Options:
 Engineering based on Physical Sciences
 Engineering based on Chemical Sciences
 Chemical Engineering
 Chemical Engineering Practice
 Civil Engineering
 Electrical Engineering, including Options:
 Illuminating Engineering
 Electrical Communications
 Electrical Engineering
 General Engineering
 Materials and Design
 Refrigeration and Air Conditioning
 Textile
 Mechanical Engineering—Cooperative Course
 Metallurgy
 Naval Architecture and Marine Engineering
 Sanitary Engineering

Each of the above undergraduate Courses is of four years duration, with the exception of Architecture, City Planning, Biophysics and Biological Engineering, and the cooperative Courses in Electrical Engineering and in Mechanical Engineering, which extend over a period of five years, and City Planning Practice which covers a period of six years. In addition to the Bachelor's degree, the above five and six year Courses, with the exception of Architecture and City Planning, lead also to the Master's degree.

Graduate study, leading to the Master's and Doctor's degrees, is offered in Ceramics, Meteorology, and in most of the above professional Courses.

A five year Course is offered which combines study in Engineering or Science, and Economics. This leads to the degree of Bachelor of Science in the professional field, and to the degree of Master of Science in Economics and Engineering or Economics and Science.

The Summer Session extending from June to September includes many of the undergraduate subjects given during the academic year.

For information about admission, communicate with the Director of Admissions.

Any of the following publications will be sent free on request:
 Catalogue for the academic year
 Summer Session Bulletin
 Educational Opportunities at the Massachusetts Institute of Technology

★★★
FIFE & DRUM ROOM

HOTEL VENDOME
 For a Meal or a Snack
 A GAY NEW ROOM
 in the
PATRIOTIC MANNER

Luncheon — Cocktails
 Dinner — Supper
 Entertainment
 Dancing from 9 P.M.
 No Cover or Minimum

★★★★★